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Ms. Taapken
Phase IV Engineering Inc.
2820 Wilderness Place Unit C
Boulder, CO 80301

Ms. Taapken,

I am writing to apply for the firmware engineering position posted on your website.

I am currently a senior at CU Boulder and will be graduating with a BS in electrical and comuputer engineering with a minor in computer science May of 2018. I came across Phase IV while looking for companies involved in embedded systems in Boulder. Programming, designing, and debugging embedded systems has been a focus in my education since I was first introduced to them my sophomore year here. I got a taste of what it was like to work in the industry while working at Halleck Willard Inc. over the past summer, but am now looking to expand upon that experience with Phase IV. Since then, I have been helping to design a system for use in vehicles that communicates information like velocity, acceleration, signal indicator status, and heading to nearby vehicles for my senior design project. In doing so, I have had to teach myself how to write and debug TCP sockets as well as unix domain sockets and have been working on integrating a custom built PCB with the OBD-II system of my vehicle. I have greatly enjoyed working on this and feel, based on what I have learned about Phase IV, that your company offers the next step in this journey.

If you find me qualified, I would love to meet at Phase IV in person. I tend to be most responsive to email, so please email me at jacob.grunwald@colorado.edu. Altrenatively, call me at (832) 585-4297. Thank you for your time and consideration and I hope to hear from you soon!

Sincerely yours,

Jacob Grunwald